

Item no.: 385601

## EDR-8010-2GSFP-CT - 8 FE copper and 2 GbE SFP multiport industrial secure router with firewall/NAT, 1

from **1.131,37 EUR**

Item no.: 385601  
shipping weight: 0.40 kg  
Manufacturer: MOXA



### Product Description

8 FE copper and 2 GbE SFP multiport industrial secure router with firewall/NAT, 12/24/48 VDC input voltage, -10 to 60°C operating temperature, conformal coating

Input/Output Interface Alarm Contact Channels: Resistive load: 1 A @ 24 VDC Buttons: Reset button Digital Input Channels: +13 to +30 V for state 1; -30 to +3 V for state 0; Max. input current: 8 mA Ethernet Interface 10/100BaseT(X) Ports (RJ45 connector): 8 1000BaseSFP Slots: 2 Standards: - IEEE 802.3 for 10BaseT - IEEE 802.3u for 100BaseT(X) - IEEE 802.3z for 1000BaseSX/LX/LHX/ZX - IEEE 802.3x for flow control - IEEE 802.1Q for VLAN Tagging - IEEE 802.1X for authentication - Static Port Trunk DMZ: User-configurable DMZ ports Ethernet Software Features Broadcast Forwarding: IP directed broadcast, broadcast forwarding Management: - Back Pressure Flow Control - DDNS - DHCP Server/Client - Web Console (HTTP/HTTPS) - LLDP - QoS/CoS/ToS - SNMP v1/v2c/v3 - Telnet - TFTP - HTTPS - SSH Redundancy Protocols: RSTP; STP; Turbo Ring v2; Turbo Chain Routing Throughput: Max. 50K packets per second / 500 Mbps (based on RFC 2544) Routing Table: Max. 4K routing rules Concurrent Connections: Max. 120K (based on RFC 3511) Connections Per Second: Max. Max. 6K (based on RFC 3511) Routing Redundancy: VRRP Security: Secure Boot; IPsec; L2TP (server); RADIUS; Trust access control; TACACS+ Time Management: NTP Server/Client; SNTP Unicast Routing: OSPF; RIPV1/V2; Static Route Multicast Routing: Static Route Filter: IGMP v1/v2/v3 Switch Properties VLAN ID Range: VID 1 to 4094 IGMP Groups: 256 Max. No. of VLANs: 16 LED Interface LED Indicators: PWR1, PWR2, STATE, MSTR/H.TC, CPLR/T.TC, VRRP/HA, VPN, USB DoS and DDoS Protection Technology: - ARP-Flood - FIN Scan - ICMP Flood - TCP Sessions Without SYN - NMAP-ID Scan - NMAP-Xmas Scan - Null Scan - SYN/FIN Scan - SYN/RST Scan - SYN-Flood - Xmas Scan Firewall Filter: - DDoS - Ethernet protocols - ICMP - IP address - MAC address - Ports Stateful Inspection: Router firewall; Transparent (bridge) firewall Deep Packet Inspection: Modbus TCP - Modbus UDP - DNP3 - IEC 60870-5-104 - IEC 61850 MMS - EtherNet/IP - Omron FINS - Siemens S7 Comm. - Additional protocols will be supported through future firmware updates. Intrusion Prevention System: Requires an additional license. Throughput: Firewall: Max. 50K packets per second / 500 Mbps (based on RFC 2544) IPsec VPN Authentication: MD5 and SHA (SHA-256); RSA (key size: 1024-bit, 2048-bit); X.509 v3 certificate Concurrent VPN Tunnels: Max. 50 IPsec VPN tunnels Encryption: DES; 3DES; AES-128; AES-192; AES-256 Protocols: IPsec; L2TP (server); PPTP (client) Throughput: Conditions: AES-256, SHA-256; Max. 25K packets per second / 200 Mbps (based on RFC 2544) NAT Features: 1-to-1; N-to-1; Port forwarding; NAT loopback Real-Time Firewall / VPN Event Log Event Type: Firewall event; VPN event Media: Local storage; SNMP Trap; Syslog server Serial Interface Console Port: RS-232 (TxD, RxD, GND), 3-pin (115200, n, 8, 1) Connector: USB Type-C Power Parameters Connection: Removable terminal block Operating Voltage: 9.6 to 60 VDC Input Voltage: 12/24/48 VDC, redundant dual inputs (DNV-certified for 24 VDC) Input Current: 0.53 A @ 12 VDC; 0.26 A @ 24 VDC; 0.14 A @ 48 VDC Reverse Polarity Protection: Supported Physical Characteristics Housing: Metal Dimensions: 45 x 135 x 105 mm (1.77 x 5.31 x 4.13 in) Weight: 520 g (1.15 lb) Installation: DIN-rail mounting (DNV-certified); Wall mounting (with optional kit) Environmental Limits Operating Temperature: -10 to 60°C (14 to 140°F) Storage Temperature (package included): -40 to 85°C (-40 to 185°F) Ambient Relative Humidity: 5 to 95% (non-condensing) Standards and Certifications Safety: IEC 62368-1; UL 62368-1 EMC: EN 55032/35 EMI: CISPR 32, FCC Part 15B Class A EMS: - IEC 61000-4-2 ESD: Contact: 8 kV; Air: 15 kV - IEC 61000-4-3 RS: 80 MHz to 1 GHz: 20 V/m - IEC 61000-4-4 EFT: Power: 4 kV; Signal: 4 kV - IEC 61000-4-5 Surge: Power: 2 kV; Signal: 4 kV - IEC 61000-4-6 CS: 10 V - IEC 61000-4-8 PFMF Railway: EN 50121-4 Traffic Control: NEMA TS2 Maritime: IEC 60945; DNV Shock: IEC 60068-2-27 Freefall: IEC 60068-2-32 Vibration: IEC 60068-2-6 Power Substation: IEC 61850-3 Edition 2.0; IEEE 1613 Hazardous Locations: ATEX, Class I Division 2; IECEx MTBF Time: 1,347,225 hrs Standards: Telcordia (Bellcore), GB

### Specifications

Scan this QR code to view the product  
All details, up-to-date prices and availability

